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- (51) INTL.CL. B65D-85/00; A61J-1/00
- (19) (CA) APPLICATION FOR CANADIAN PATENT (12)
- (54) New Binary Dispensor for the Application of Fluids, Semi-Fluids or Semi-Solids
- (72) Woo, Tom Y. Canada; Campbell, Janis P. - Canada;
- (73) Same as inventor
- (57) 165 Claims

Notice: Th specification contain d herein as filed

ABSTRACT:

aubstances to various surfaces is proposed. This device is used as a seems for the application of various substances (such as, but not limited to, liquids, semi-liquids, semi-solids, gels, cintments, lotions, creams, suspensions, solutions) to various surfaces (such as, but not limited to, biologic surfaces such as hair, skin or neils or to any non-biologic surface such as any nonbiologic surface).

Currently, soat if not all, substances (biologic and non-biologic agents) are applied via a container (such as a tube, bottle or dispensor) which has a single chamber which houses the substance. This device involves the use of an object, such as but not limited to, a container, tube, dispensor, bottle, or other such device which has two or sore separate chambers, each containing a separate different such sance.

FIELD OF INVENTION:

The present invention relates to a binary device which is used as a seens to apply an effective amount of various substances, comprising, but not limited to, biologically active agents (such as addicines, foods or cossetic agents) or non-biologically active agents (such as glues, sheapoos) having a desired effect on surfaces comprising, but not limited to, biologic surfaces or non-biologic inert surfaces.

BACKGROUND OF INVENTION:

10 The term "skin" is used in the broad context within to include any condition be it normal or abnormal of the skin, heir, nails or succus membranes.

A container is used in the context within this patent application to denote any object which can house any substance or substances comprising of, but not limited to, biologically active agent or agents or non-biologically active agent or agents. The term "device" is used to describe the present invention which houses any substance. The device may be a container such as, but not limited to, a tube, bottle or any other dispensor. The device's composition may be comprised of any material including, but not limited to, ceramic, plastic, steel, rubber, metal or paper.

The device may be emptied by the action of gravity, or pump, aqueezing the device or any other mechanism to deliver or administer the cont nts.

Currently medicinal and comm tic agents used in the treatment of

akin conditions (and other int rnal sedical conditions) ar d livered to the skin using a container which has a cavity within it. That is to say that there is a single container which has only one substance which is to be edministered. The container can be in the form of a tube or bottle. Quite frequently two or more medicinal or commetic submtances cannot be packaged in the seme container due to substance to substance interactions which can effect the stability of the substances utilized, can cause undue drug reactions or may cause degradation, etc., of the 10 substances. This invention refers to the use of a device which has one or more dividers in it thereby defining two or more chambers within the device. The divider (or dividers) separate and define the two (or more) chambers thereby keeping the two (or more) preparations separate. This would ensure that the substances within each chamber would not interact with each other in an adverse way.

As an example topical benzoyl peroxides (therapeutic agents for treatment of acne) are not to be mixed with topical antibiotics due to stability problems and resultant degradation of both benzoyl peroxide and the antibiotic product. In using these two ingredients in a device which has two separate chambers, the antibiotic preparation can be inserted into one chamber and the benzoyl peroxide preparation in the other, this container allows for the simultaneous or sequential application of these two preparations to be applied t the skin. This device comprises a single c nvenient container t be used for the application to two separate substances

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as opposed to two separat containers each with their own preparation.

Other examples of substances which can be used in this device with two separate chambers are, (but not limited to):

- 1. (a) Tretinoin Hydroquinone
 - (b) Tretinoin topical entibiotic
- 2. (a) steroid cress Ures
 - (b) ateroid creams Salicylic Acid
 - (c) steroid creess Lectic Acid
 - (d) steroid creens Presoxine
- 10 (e) ateroid creasa Tretinoin
 - (f) steroid creens Hydroquinones
 - (q) steroid creess Ketoconezole
 - (h) ateroid creens antibiotic
 - 3. Minoxidil Tretinoic Acid
 - 4. Anthrenol steroid creeks
 - 5. Tretinoin benzoyl peroxide.
 - 6. Shampoo conditioners
 - 7. Nail polish nail polish remover
 - 8. Commetic egent commetic egent
- 20 Although this device generally refers to a container with two chambers, this device can also comprise of two or more dividers which define three r more separat chambers and therefore use of three or more separate substances.

The embodiments of an invention in which an xclusive property or privilege is claimed are defined as follows:

- 1. A device which is used as a means to contain or house various substances or preparations, the device comprising of one or more dividers within the device thereby delineating the device to contain two or more separate chambers.
- 2. The device of claim #1 wherein the chambers are of equal volume, size or dimension.
- 3. The device of claim #1 wherein the chambers are of unequal 10 volume, size or dimension.
 - 4. The device of claim #1 wherein the device contains two separate chambers, the opening for each chamber (in order to dispense the substances or preparations) may be located on opposite sides of the container; or may be located directly adjacent; or may be located any distance apart between opposite sides of the container to directly adjacent.
 - 5. The device of claim #1 to be termed a "binary dispenser", "binary tube", "binary bottle", "binary container", and/or "binary device".
- 20 6. The device of claim #1 wherein the device contains three separate chambers, the opening for each chamber (in order to dispense the substances) may be located in opposite sides of the container; r may be located directly adjacent; or may be located any distance apart between opposite sides of the container.

t directly edjecent.

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- 7. The device f claim #1 wherein the device contains a divider which is impermeable or semi-permeable to some or all of the substances in each chamber.
- 8. The device of claim #1 wherein the device contains four separate chambers. The opening for each chamber (in order to dispense the substances) may be located on opposite mides of the container; or may be located directly adjacent; or may be located any distance apart between opposite mides of the container to directly adjacent.
- 9. The device of claim #1 wherein the device is used as a means to contain any substances or preparations comprising of, but not limited to, biologically, chemically, electrically active or inert substances.
- 10. The device of claim #1 wherein the device is used as a means to contain substances or preparations comprising of, but not limited to, foods, commetics, or medicinal agents.
- 11. The device of claim #1 wherein the device is used as a means to contain preparations or substances which may be liquid, semi-solid or semi-liquid comprising of, but not limited to, either combination of or ningly:
 - A Creens
 - B intments
 - C auspensions
 - D solutions

- E peates
- F gela

20

- G incorporating an inert solid coapound or coapounds
- I lotions
- J semi-solid substances or preparations
- K semi-liquid substances or preparations
- L liquid aubatances or preparations
- 12. The device of claim #1 wherein the device is used as a means to contain substances or preparations for any use comprising of,

 10 but not limited to, use in any biologic system or systems such as, but not limited to, application in medical or non-medical disorders, or for use in any non-biological system or systems such as, but not limited to, inert or dynamic surfaces. This can include any liquid, memi-liquid, memi-solid or galenical form including, but not limited to, gel, cream, lotion, cintment suspension, solution, peste, or incorporating an inert compound.
 - 13. The device of claim #1 wherein the device is used as a means to contain substances or preparations as is claimed in claim #9, wherein one preparation is a topical antibiotic (any topical antibiotic and in any concentration or amounts) and another preparation is a benzoyl peroxide (in any concentration or any amount), other substances or preparations may or may not accompany these two.
 - 14. The device f claim #1 wherein the device is used as a means to contain preparations as is claimed in claim #9, wherein one preparation is a t pical antibiotic (any t pical antibi tic and

in any concentration or amounts) and another preparation is a topical tratinoin (in any concentration or any amount), other aubstances or preparations may or may not accompany these two.

15. The device of claim #1 wherein the device is used as a means to contain preparations as is claimed in claim #9, wherein one preparation is a topical benzoyl peroxide (any benzoyl peroxide and in any concentration or assumts) and another preparation is a topical tratinoin (in any concentration or any assumt), other substances or preparations may or may not accompany these two.

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- 16. The device of claim #1 wherein the device is used as a means to contain substances or preparations for the treatment of commetic disorders such as, but not limited to, facial wrinkles, hyperpigmentation, dry skin, flaky skin, itchy skin.
- 17. The device of claim #1 wherein the device is used as a means to contain medications or agents utilized in treatment of dermatologic or nondermatologic diseases, disorders, or states of any nature depending on the preparation that is used in the dispenser.
- 20 18. The device of claim #1 wherein the device is used as a means to contain substances or preparations which are for non-biologic use comprising of, but not limited to, glues and epoxy.
 - 19. The device of claim #1 wherein the device is used as a means to contain substances or preparati na to be used t treat ther

biologic functions comprising f, but not limited to, ahampoo and cream rinse.

- 20. The device of claim #1 wherein the device may be comprised of, but not limited to, glass, plantic, metal, ceremic, rubber, paper or any other material or any combination thereof.
- 21. The device of claim #1 wherein the device may be comprised of plantic materials.
- 22. The device of claim #1 wherein the device may be comprised of metal materials.
- 10 23. The device of claim #1 wherein the device may be comprised of glass meterials.
 - 24. The device of claim #1 wherein the device may be comprised of ceramic materials.
 - 25. The device of claim #1 wherein the device may be comprised of rubber materials.
 - 26. The device of claim #1 wherein the device may be comprised of paper materials.
- 27. The device of claim #1 wherein the device is used as a means to contain preparations for human use, inert or dynamic nonbiologic use, veterinarian application or other biological or non-biological uses.
 - 28. Th device of claim #1 wherein the device comprises of another

opening and closing device which is used as a means to open and close the chambers within the device.

- 29. An opening and closing device as claimed in claim #27 above, wherein the opening and closing device is comprised of a single unit or is comprised of two or more separate units and is composed of any composition, comprising of, but not limited to, glass, ceremic, rubber, paper, metal, plantic or any other material.
- 30. The device of claim #1 wherein the device may be emptied by the action of gravity, aqueezing the device, a pump, or any other sechanism to deliver or administer the contents.
 - 31. The device of claim #1 wherein the pump or any other mechanism to administer the contents of the device is comprised of, but not limited to, ceremic, plastic, steel, rubber, metal, paper or any other material or any combination thereof.
 - 32. The device of claim #1 wherein the pump or any other mechanism to edminister the contents of the device is comprised of ceramic.
 - 33. The device of claim #1 wherein the pump or any other mechanian to administer the contents of the device is comprised of plastic.
 - 34. The device of claim #1 wherein the pump or any other mechanism 20 to administer the contents of the device is comprised of metal.
 - 35. The device of claim #1 wherein the pump r any other mechanism to administer the contents of the device is comprised of paper.
 - 36. The device of claim #1 wherein the pump r any other mechanism

- t administer the contents f the device is c aprised of rubber.
- 37. A method of applying substances or preparations to various surfaces administering an effective amount of—substances or preparations compatible with a desired effect, the device which is used as a means of applying the substance or preparation is a device comprising of one or more dividers within the device thereby delineating the device to contain two or more separate chambers.
- 38. The method of claim #36 wherein the chembers are of equal volume, size or dimension.
- 10 39. The method of claim #36 wherein the chambers are of unequal volume, size or dimension.
 - 40. The method of claim #36 wherein the device contains two separate chambers, the opening for each chamber (in order to dispense the substances or preparations) may be located on opposite sides of the container; or may be located directly adjacent; or may be located any distance spart between opposite sides of the container to directly adjacent.
 - 41. The method of claim #36 wherein the device is to be termed a "binary dispenser", "binary tube", "binary bottle", "binary container" and/or "binary device".
 - 42. The method of claim #36 wherein the device contains three separate chambers, the opening for each chamber (in order to dispense the substances) may be located on promite sides of the container; or may be located directly edjacent; or may be located

any distance epert between opposite sides of the container to directly edjacent.

- 43. The method of claim #36 wherein the device contains a divider which is impermeable or semi-permeable to some or all of the substances in each chamber.
- 44. The method of claim #36 wherein the device contains four separate chambers. The opening for each chamber (in order to dispense the substances) may be located on opposite sides of the container; or may be located directly adjacent; or may be located on any distance apart between opposite sides of the container to directly adjacent.
 - 45. The method of claim #36 wherein the device is used as a meana to contain any substances or preparations comprising of, but not limited to, biologically, chemically, electrically active or inert substances.
 - 46. The method of claim #36 wherein the device is used as a means to contain substances or preparations comprising of, but not limited to, foods, cosmetics or medicinal agents.
- 47. The method of claim #36 wherein the device is used as a means 20 to contain preparations or substances which may be liquid, semi-solid or semi-liquid, comprising of, but not limited to, either combination of raingly:
 - A creams
 - B intments

- C auspension
- D solution
- E peste
- F gel
- G incorporating an inert solid compounds.
- I lotion
- J semi-solid substances or preparations
- K semi-liquid substances or preparations
- L liquid substances or preparations
- 10 48. The method of claim #36 wherein the device is used as a means to contain substances or preparations for any use comprising of, but not limited to, use in any biologic system or systems such as but not limited to, application in medical or non-medical disorders or for use in any non-biological system or systems such as, but not limited to, inert or dynamic substances. This can include any semi-liquid, liquid, semi-solid or galenical form including, but not limited to, gel, cream, lotion, ointment suspension, solution, paste, or incorporating an inert compound.
- 49. The method of claim #36 wherein the device is used as a means
 20 to contain substances or preparations as is claimed in claim #9,
 wherein one preparation is a topical antibiotic (any topical
 antibiotic and in any concentration or amounts) and another
 preparation is a benzoyl peroxide (in any concentration or any
 amount), other substances or preparations may or may not accompany
 these two.
 - 50. The method of claim #36 wherein the d vice is used as a means

- preparation is a toical antibiotic (any topical antibiotic and in any concentration or amounts) and another preparation is a topical tratinoin (in any concentration or any amount), other substances or preparations say or say not accompany these two.
- 51. The method of claim #36 wherein the device is used as a means to contain substances or preparations for the treatment of commetic disorders such as, but not limited to, facial wrinkles, hyperpigmentation, dry skin, flaky skin, itchy skin.
- 10 52. The method of claim #36 wherein the device is used to contain medications or agents utilized in treatment of dermatologic or nondermatologic diseases, disorders or states of any nature depending on the preparation that is used in the dispenser.
 - 53. The method of claim #36 wherein the device is used as a means to contain substances or preparations which are for non-biologic use comprising of, but not limited to, glues and epoxy.
- 54. The method of claim #36 wherein the device is used as a means to containt substances or preparations to be used to treat other biologic functions comprising of, but not limited to, shampoo and 20 cream rinse.
 - 55. The method of claim #36 wherein the device may be comprised of, but not limited to, glass, plastic, metal, ceremic, rubber, paper or any other material or any combin tion thereof.
 - 56. The method of claim #36 wherein the device may be comprised of

plastic materials.

- 57. The method of claim #36 wherein the device may be comprised of metal meterials.
- 58. The method of claim #36 wherein the device may be comprised of glass materials.
- 59. The method of claim #36 wherein the device may be comprised of ceramic materials.
- 60. The method of claim #36 wherein the device may be comprised of rubber materials.
- 10 61. The method of claim #36 wherein the device may be comprised of paper materials.
 - 62. The method of claim #36 wherein the device is used as a means to contain preparations for human use, inert or dynamic nonbiologic use, veterinarian application or other biological or non-biological uses.
 - 63. The method of claim #36 wherein the device comprises of another opening and closing device which is used as a means to open and close the chambers within the device.
- 64. The method of claim #36 wherein the opening and closing device

 29 is comprised f a single unit r is comprised of two or more
 separate units and is composed of any composition, comprising of,
 but not limited to, glass, ceramic, metal, rubber, paper, plastic
 r any ther material.

- 65. The method of claim #36 wherein the device may be emptied by the acti n of gravity, aqueezing the device, a pump or any other mechanism to deliver or administer the contents.
- 66. The method of claim #36 wherein the pump or any other mechanism to edminister the contents of the device is comprised of, but not limited to, ceremic, plastic, steel, ruber, metal, paper or any other material or any combination thereof.
- 67. The method of claim #36 wherein the pump or any other mechanism to administer the contents of the device is coaprised of ceramic.
- 10 68. The method of claim #36 wherein the pump or any other mechanism to administer the contents of the device is comprised of plastic.
 - 69. The method of claim #36 wherein the pump or any other mechanism to administer the contents of the device is comprised of metal.
 - 70. The method of claim #36 wherein the pump or any other mechanism to administer the contents of the device is comprised of paper.
 - 71. The method of claim #36 wherein the pump or any other mechanism to administer the contents of the device is comprised of rubber.
 - 72. The device of claim #1 which is used as a means to apply substances or preparations wherein:
- 20 (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 2% (grass per 100 cc)

 (b) at least ne substance is benz yl per xide or benzoyl per xide derivative in a concentration of 2.5% (grass/100 cc)

- 73. The device of claim #1 which is used as a mean to apply substances wherein:
- (a) at least one substance is erythrosycin or erythrosycin
 derivative in a concentration of 1% (grass per 100 cc)
 (b) at least one substance is benzoyl peroxide or benzoyl peroxide
 derivative in a concentration of 2.5% (grass/100 cc)
- 74. The device of claim #1 which is used as a means to apply substances wherein:
- (a) at least one substance is erythronycin or erythronycin
 10 derivative in a concentration of 2% (grams per 100 cc)
 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grams/100 cc)
 - 75. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is erythronycin or erythronycin derivative in a concentration of 1% (grams/100 cc)
 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grams/100 cc)
- 76. The device of claim #1 which is used as a means to apply 20 substances wherein:
 - (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 2x (grass per 100 cc)
 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 10% (grass/100 cc)
 - 77. The device of claim #1 which is used as a meens to apply

aubatances wherein:

- (a) at least one substance is erythrosycin r erythrosycin derivative in a concentration f lx (grass per 100 cc)

 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of l0x (grass/100 cc)
 - 78. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 2% (grass per 100 cc)
- 10 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 20% (grass/100 cc)
 - 79. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is erythromycin or erythromycin
 derivative in a concentration of 1% (grams per 100 cc)
 (b) at least one substance is benzoyl peroxide or benzoyl
 peroxide derivative in a concentration of 20% (grams/100 cc)
 - 80. The device of claim #1 which is used as a means to apply substances wherein:
 - 20 (a) at least one substance is erythromycin or erythromycin derivative in a concentration of 1% (grams/100 cc)

 (b) at least one substance is tretinoin in a concentration of .01% (grams/100 cc)
 - 81. The device of claim #1 which is used as a means to apply aubstances wherein:

- (a) at least n substance is erythrosycin r erythr sycin derivative in a concentrati n f 2% (grass/100 cc)
- (b) at least one substance is tratinoin-in a concentration of...
 .01% (grass/100 cc)
- 82. The device of claim #1 which is used as a means to apply substances wherein:
- (a) at least one substance is erythronycin or erythronycin derivative in a concentration of 1% (grans/100 cc)
- (b) at least one substance is tratinoin in a concentration of 10 .025% (grans/100 cc)
 - 83. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is erythronycin or erythronycin derivative in a concentration of 2% (grans/100 cc)
 - (b) at least one substance is tretinoin in a concentration of .025% (grams/100 cc)
 - 84. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is erythronycin or erythronycin
 - 20 derivative in a concentration of 1% (grams/100 cc)
 - (b) at least one substance is tretinoin in a concentration of .05x (grans/100 cc)
 - 85. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is erythrosycin or erythr sycin

derivativ in a concentrati n of 2% (grams/100 cc)

- (b) at least one substance is tretin in in a concentrati n of .05% (grams/100 cc)
 - 86. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 1% (grans/100 cc)
 - (b) at least one substance is tratinoin in a concentration of .1% (grams/100 cc)
- 10 87. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 2% (grans/100 cc)
 - (b) at least one substance is tratinoin in a concentration of .1% (grams/100 cc)
 - 88. The device of claim #1 which is used as a means to apply substances or preparations wherein:
 - (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5x (grass per 100 cc)
 - 20 (b) at least one substance is tratinoin or tratinoin derivative in a concentration of .01% (grass/100 cc)
 - 89. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grass per 100 cc)

- (b) at least one substance is tratinoin r tr tin in derivative in-a concentration of .01% (grams/100 cc)
- 90. The device of claim #1 which is used as a means to apply substances wherein:
- (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 10x (graza per 100 cc)
- (b) at least one substance is tretinoin or tretinoin derivative in a concentration of .01% (grass/100 cc)
- 91. The device of claim #1 which is used as a means to apply
 10 substances wherein:
 - (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 20x (grans/100 cc)
 - (b) at least one substance is tretinoin or tretinoin derivative in a concentration of .01% (grans/100 cc)
 - 92. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5% (grass per 100 cc)
 - (b) at least one substance is tretinoin or tretinoin derivative in 20 a concentration of .025% (grass/100 cc)
 - 93. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least on substance is benz yl per xide or benzoyl peroxid derivative in a c ncentrati n f 5x (grams per 100 cc)
 - (b) at least ne substance is tretin in or tretinoin derivative in

- 94. The device of claim #1 which is used as a means to apply substances wherein:
- (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 10% (graza per 100 cc)
- (b) at least one substance is tretinoin or tretinoin derivative in a concentration of .025% (grans/100 cc)
- 95. The device of claim #1 which is used as a means to apply substances wherein:
- 10 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 20% (grass per 100 cc)
 - (b) at least one substance is tretinoin or tretinoin derivative in a concentration of .025% (grams/100 cc)
 - 96. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5x (grams/100 cc)
 - (b) at least one substance is tratinoin in a concentration of .05% (grams/100 cc)
 - 20 97. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substanc is benz yl per xide or benz yl peroxide derivative in a concentration of 5% (grazs/100 cc)
 - (b) at least one aubstance is tretinoin in a concentrati n of .05% (grams/100 cc)

- 98. The device of claim #1 which is used as a means to apply substances wherein:
- (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 10% (grams/100 cc)
- (b) at least one substance is tratinoin in a concentration of .05% (grans/100 cc)
- 99. The device of claim #1 which is used as a seens to apply substances wherein:
- (a) at least one substance is benzoyl peroxide or benzoyl peroxide

 10 derivative in a concentration of 20% (grass/100 cc)
 - (b) at least one substance is tratinoin in a concentration of . (Fx (grans/100 cc)
 - 100. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5% (grams/100 cc)
 - (b) at least one substance is tratinoin in a concentration of .1% (grans/100 cc)
- 101. The device of claim #1 which is used as a means to apply
 .20 substances wherein:
 - (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5x (grams/100 cc)
 - (b) at least one substance is tretinoin in a concentration of .1% (grams/100 cc)
 - 102. The device f claim #1 which is used as a means to apply

aubatances wherein:

- (a) at least one aubatance is benz yl per mide or benzoyl peromide derivative in a concentration of 10% (grams/100 cc)
- (b) at least one substance is tretinoin in a concentration of .1% (grams/100 cc)
- 103. The device of claim #1 which is used as a means to apply substances wherein:
- (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 20% (graze/100 cc)
- 10 (b) at least one substance is tretinoin in a concentration of .1% (grams/100 cc)
 - 104. The device of claim #1 which is used to apply substances wherein:
 - (a) at least one substance is a shaspoo
 - (b) at least one substance is a hair conditioner
 - 105. The device of claim #1 which is used to apply substances wherein:
 - (a) at least one substance is a Tratinoin
 - (b) at least one substance is a Hydroquinoine
 - 106. The device of claim 1 which is used to apply substances wherein:
 - (a) at least one substance is a Tretinoin
 - 20 (b) at least one substance is a topical antibiotic
 - 107. The device of claim 1 which is used to apply substances wherein:
 - (a) at least one substance is a steroid cream
 - (b) at least one substance is a Ur a
 - 108. The device of claim 1 which is used to apply substances wherein:

- (a) at least n substance is a ster id cream
- (b) at least one substance is a Selicylic Acid
 - 109. The device of claim 1 which is used to apply substances wherein:
 - (a) at least one substance is a steroid cream
 - (b) at least one substance is a Lactic Acid
 - 110. The device of claim 1 which is used to apply aubstances wherein:
 - (a) at least one substance is a steroid cress
 - (b) at least one substance is a Pranoxine
 - 111. The device of claim 1 which is used to apply substances wherein:
- 10 (a) at least one substance is a steroid cream
 - (b) at least one substance is a Tretinoin
 - 112. The device of claim 1 which is used to apply substances wherein:
 - (a) at least one substance is a steroid cream
 - (b) at least one substance is a Hydroquinone
 - 113. The device of claim 1 which is used to apply aubatances wherein:
 - (a) at legat one substance is a steroid cream
 - (b) at least one substance is a Ketoconazole
 - 114. The device of claim 1 which is used to apply substances wherein:
 - (a) at least one substance is a steroid cream
- 20 (b) at least one substance is a antibiotic
 - 115. The device of claim 1 which is used t apply substances wherein:
 - (a) at least one substance is Minoxidil
 - (b) at least one substance is Tretin ic Acid

- 116. The device f claim 1 which is used to apply substances wherein:
- (a) at least ne subatance is Anthranol
- (b) at least one substance is a steroid cress
- 117. The device of claim 1 which is used to apply substances wherein:
- (a) et least one substance is Tretinoin
- (b) at least one substance is benzoyl peroxide
- 118. The device of claim 1 which is used to apply substances wherein:
- (a) at least one substance is a nail polish
- (b) at least one substance is a nail polish remover
- 10 119. A preparation which is applied to various surfaces to obtain
 - a desired effect which is housed in a device of claim 1, wherein:
 - (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 2% (gress per 100 cc)
 - (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5% (grams/100 cc)
 - 120. A preparation which is applied to various surfaces to obtain
 - a desired effect which is housed in a device of claim 1, wherein:
 - (a) at least one substance is erythrosycin or erythrosycin
 - derivative in a concentration of 1% (grams per 100 cc)
 - 20 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5x (grazs/100 cc)
 - 121. A preparati n which is applied to various surfaces to obtain
 - a desired effect which is housed in a device of claim 1, wherein:
 - (a) t least one substance is erythromycin or erythromycin

derivative in a concentration of 2% (grams per 100 cc)

(b) at least one substance is benzoy; per mide or benzoy!

peroxide derivative in a concentration of 5% (grams/100 cc)

- 122. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 1% (grass per 100 cc)

 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grass/100 cc)
- 10 123. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythromycin or erythromycin derivative in a concentration of 2% (grams per 100 cc)

 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grams/100 cc)
 - 124. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythrosycin or erythrosycin derivative in a co-centration of 1% (grass per 100 cc)
- 20 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 10% (grass/100 cc)
 - 125. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythrosycin r erythrosycin derivative in a concentration of 2% (grass per 100 cc)

- (b) at least one substance is benzoyl peroxide or benzyl peroxide derivative in a concentration of 20% (grass/100 cc)
- 126. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythromycin or erythromycin derivative in a concentration of 1x (grams per 100 cc)

 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 20x (grams/100 cc)
- 127. A preparation which is applied to various surfaces to obtain

 10 a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythrosycin or erythrosycin

 derivative in a concentration of 1% (grams/100 cc)

 (b) at least one substance is tratinoin in a concentration of

 .01% (grams/100 cc)
 - 128. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 2% (grams/100 cc)
 - (b) at least one substance is tratinoin in a concentration of

 20 .01% (grams/100 cc)
 - 129. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythr sycin or erythrosycin derivative in a concentration of 1% (grass/100 cc)

 (b) at least one substance is tretinoin in a c ncentration of

.025% (grass/100 cc)

.025x (grams/100 cc)

- 130. A preparation which is applied t various surfaces to obtain a desired effect which is housed in a device of claim i, wherein:

 (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 2% (grams/100 cc)

 (b) at least one substance is tretinoin in a concentration of
- 131. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:
- 10 (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 1% (grams/100 cc)

 (b) at least one substance is tratinoin in a concentration of .05% (grams/100 cc)
 - 132. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 2% (grass/100 cc)

 (b) at least one substance is tretinoin in a concentration of .05% (grass/100 cc)
 - 20 133. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythromycin or erythromycin derivative in a concentration of 1x (grams/100 cc)

 (b) at least one substance is tratinoin in a concentration of .1x (grams/100 cc)

- 134. A preparation which is applied to various surfaces to obtain
- a desired effect which is housed in a device of claim 1, wherein:
- (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 2% (grass/100 cc)
- (b) at least one substance is tratinoin in a concentration of .1% (grams/100 cc)
- a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide

 derivative in a concentration of 2.5x (grass per 100 cc)

 (b) at least one substance is tretinoin or tretinoin derivative in a concentration of .01x (grass/100 cc)
 - a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grams per 100 cc)

 (b) at least one substance is tratinoin or tratinoin derivative in a concentration of .01% (grams/100 cc)
 - a desired effect which is applied to various surfaces to obtain

 a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide

 derivative in a concentration of 10x (grass per 100 cc)

 (b) at least one substance is tratin in or tratinoin derivative in

 a concentration of .01x (grass/100 cc)
 - 138. A preparation which is applied to various surfaces to obtain

- a desired effect whi h is housed in a device of claim 1, wher in:
- (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 20% (grass per 100 cc)

 (b) at least one substance is tratinoin or tratinoin derivative in

a concentration of .01% (graza/100 cc)

- a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5% (gream per 100 cc)
- 10 (b) at least one substance is tretinoin or tretinoin derivative in a concentration of .025x (grans/100 cc)
 - 140. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grass per 100 cc)

 (b) at least one substance is tratinoin or tratinoin derivative in a concentration of .025% (grass/100 cc)
 - 141. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 20 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 10% (grams per 100 cc)

 (b) at least on ubstance is tratinoin or tratinoin derivative in a concentration of .025% (grams/100 cc)
 - 142. A preparati n which is applied to various surfaces to obtain a desired effect which is h used in a device of claim 1, wherein:

- (a) at 1 ast one ub tance is benzoyl peroxid or benz yl peroxide derivative in a concentration of 20x (grass per 100 cc)
- (b) at least one substance is tratinoin or tratinoin derivative in a concentration of .025% (grams/100 cc)
- 143. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5x (grams/100 cc)
- (b) at least one substance is tretinoin in a concentration of 10 .05% (grams/100 cc)
 - 144. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grams/100 cc)

 (b) at least one substance is tratinoin in a concentration of .05% (grams/100 cc)
 - 145. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide

 20 derivative in a concentration of 10% (grams/100 cc)
 - (b) at least one substance is tratinoin in a concentration of .05x (grams/100 cc)
 - 146. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benz yl per xide or benzoyl peroxide

derivative in a concentration of 20% (grams/100 cc)

- (b) at least one substance is tratinoin in a concentration of .05% (grams/100 cc)
- 147. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl perceide or benzoyl peroxide derivative in a concentration of 2.5% (grams/100 cc)

 (b) at least one substance is tretinoin in a concentration of .1% (grams/100 cc)
- 10 148. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grams/100 cc)

 (b) at least one substance is tratinoin in a concentration of .1% (grams/100 cc)
 - 149. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 10% (grams/100 cc)
- 20 (b) at least one substance is tratinoin in a concentration of .1% (grans/100 cc)
 - 150. A preparation which is applied to vari us surfaces to btain a desired effect which i housed in a device of claim 1, wherein:

 (a) at least ne substance is benzoyl peroxide or benzoyl peroxide derivative in a c ncentration of 20% (grams/100 cc)

- (b) at least ne substance is tr tinoin in a concentrati n of .1% (grams/100 cc)
- 151. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:
- (a) at least one substance is a shampoo
- (b) at least one substance is a heir conditioner
- 152. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:
- (a) at least one substance is a Tretinoin
- 10 (b) at least one substance is a Hydroquinoine
 - 153. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:
 - (a) at least one substance is a Tretinoin
 - (b) at least one aubatance is a topical antibiotic
 - 154. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:
 - (a) at least one substance is a steroid cream
 - (b) at least one substance is a Urea
 - 155. A preparation which is applied to various surfaces to obtain
 - 20 a desired effect which is housed in a device of claim 1, wherein:
 - (a) at least one substance is a steroid cream
 - (b) at least one substance is a Salicylic Acid
 - 156. A preparati n which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

- (a) at least no substanc is a steroid cream
- (b) at least one substance is a Lactic Acid
- 157. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:
- (a) at least one substance is a steroid creas
- (b) at least one substance is a Pranoxine
- 158. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:
- (a) at least one substance is a steroid creen
- 10 (b) at least one substance is a Tratinoin
 - 159. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:
 - (a) at least one substance is a steroid cream
 - (b) at least one substance is a Hydroquinone
 - 160. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:
 - (a) at least one substance is a steroid cream
 - (b) at least one substance is a Ketoconazole
 - 161. A preparation which is applied to various surfaces to obtain
- 20 a desired effect which is housed in a device of claim 1, wherein:
 - (a) at least one substance is a steroid cream
 - (b) at least one substance is a antibiotic
 - 162. A preparation which is applied t vari us surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

- (a) at least one substance is Min xidil
- (b) at least one substance is Tretinoic Acid
- 163. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device to claim 1, wherein:
- (a) at least one substance is Anthranol
- (b) at least one substance is a steroid crees
- 164. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device to claim 1, wherein:
- (a) at least one substance is Tretinoin
- 10 (b) at least one substance is benzoyl peroxide
 - 165. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device to claim 1, wherein:
 - (a) at least one substance is a nail polish
 - (b) at least one substance is a neil polish remover

The embodiments f an invention in which an exclusive property or privilege is claimed are defined as follows:

- 1. A device which is used as a means to contain or house various substances or preparations, the device comprising of one or more dividers within the device thereby delineating the device to contain two or more separate chambers.
- 2. The device of claim #1 wherein the chambers are of equal volume, size or dimension.
- 3. The device of claim #1 wherein the chambers are of unequal 10 volume, size or dimension.
 - 4. The device of claim #1 wherein the device contains two separate chambers, the opening for each chamber (in order to dispense the substances or preparations) may be located on opposite sides of the container; or may be located directly adjacent; or may be located eny distance spart between opposite sides of the container to directly adjacent.
 - 5. The device of claim #1 to be termed a "binary dispenser", "binary tube", "binary bottle", "binary container", and/or "binary device".
- 20 6. The device of claim \$1 wherein the device contains three separate chambers, the opening for each chamber (in order to dispense the substances) may be located on opposite sides f the container; or may be located directly adjacent; or may be located any distance spart between opposite sides of the container

t directly adjacent.

- 7. The device_of claim #1 wherein the device c ntains a divider which is impermeable or semi-permeable to some or all of the aubstances in each chamber.
- 8. The device of claim #1 wherein the device contains four separate chambers. The opening for each chamber (in order to dispense the substances) may be located on opposite sides of the container; or may be located directly adjacent; or may be located any distance apart between opposite mides of the container to directly adjacent.
 - 9. The device of claim #1 wherein the device is used as a means to contain any substances or preparations comprising of, but not limited to, biologically, chemically, electrically active or inert substances.
 - 10. The device of claim #1 wherein the device is used as a means to contain substances or preparations comprising of, but not limited to, foods, commetics, or medicinal agents.
- 11. The device of claim #1 wherein the device is used as a means to contain preparations or substances which may be liquid, semi20 solid or semi-liquid comprising of, but not limited to, either combination of or singly:
 - A Creams
 - B ointments
 - C auspensions
 - D soluti na

- E pestes
- F gela

- G incorporating an inert solid compound or compounds
- I lotions
- J semi-solid substances or preparations
- K semi-liquid substances or preparations
- L liquid aubatances or preparations
- 12. The device of claim #1 wherein the device is used as a means to contain substances or preparations for any use comprising of,

 10 but not limited to, use in any biologic system or systems such as, but not limited to, application in medical or non-medical disorders, or for use in any non-biological system or systems such as, but not limited to, inert or dynamic surfaces. This can include any liquid, memi-liquid, memi-solid or galenical form including, but not limited to, gal, cream, lotion, ointment sumpension, solution, paste, or incorporating an inert compound.
 - 13. The device of claim #1 wherein the device is used as a means to contain substances or preparations as is claimed in claim #9, wherein one preparation is a topical antibiotic (any topical antibiotic and in any concentration or amounts) and another preparation is a benzoyl peroxide (in any concentration or any amount), other substances or preparations may or may not acc mpany these two.
 - 14. The device of claim #1 wherein the device is used as a means to contain preparations as is claimed in claim #9, wherein one preparation is a topical antibitic (any t pical antibitic and

: :

in any c ncentrati n or amounts) and another preparation is a t pical tratin in (in any concentration or any amount), other aubstances or preparations may or may not accompany these two.

15. The device of claim #1 wherein the device is used as a means to contain preparations as is claimed in claim #9, wherein one preparation is a topical benzcyl peroxide (any benzoyl peroxide and in any concentration or amounts) and another preparation is a topical tratinoin (in any concentration or any amount), other substances or preparations may or may not accompany these two.

- 16. The device of claim #1 wherein the device is used as a means to contain substances or preparations for the treatment of cosmetic disorders such as, but not limited to, facial wrinkles, hyperpigmentation, dry skin, flaky skin, itchy skin.
- 17. The device of claim #1 wherein the device is used as a means to contain medications or agents utilized in treatment of dermatologic or nondermatologic diseases, disorders, or states of any nature depending on the preparation that is used in the dispenser.
- 20 18. The device of claim #1 wherein the device is used as a means to contain substances or preparations which are for non-biologic use comprising of, but not limited to, glues and epoxy.
 - 19. The device of claim #1 wherein the device is used as a means to c ntein substances or preparations to be used to treat other

biologic functions comprising of, but not limited to, shampoo and creen rinse.

- 20. The device of claim #1 wherein the device may be comprised of, but not limited to, glamm, pleatic, metal, ceramic, rubber, paper or any other material or any combination thereof.
- 21. The device of claim #1 wherein the device may be comprised of plastic materials.
- 22. The device of claim #1 wherein the device may be comprised of metal materials.
- 10 23. The device of claim #1 wherein the device may be comprised of glass materials.
 - 24. The device of claim #1 wherein the device may be comprised of ceremic materials.
 - 25. The device of claim #1 wherein the device may be comprised of rubber materials.
 - 26. The device of claim #1 wherein the device may be comprised of paper materials.
 - 27. The device of claim #1 wherein the device is used as a means to contain preparations for human use, inert or dynamic n nbiologic use, veterinarian application or other bi logical r non-biological uses.
 - 28. The device of claim #1 wherein the device comprises of another

pening and closing d vice which is used as a seens to open and close the chambers within the device.

- 29. An opening and closing device as claimed in claim #27 above, wherein the opening and closing device is comprised of a single unit or is comprised of two or more separate units and is composed of any composition, comprising of, but not limited to, glass, ceremic, rubber, paper, metal, plantic or any other material.
- 30. The device of claim #1 wherein the device may be emptied by the action of gravity, equeezing the device, a pump, or any other 10 mechanism to deliver or administer the contents.
 - 31. The device of claim #1 wherein the pump or any other mechanism to administer the contents of the device is comprised of, but not limited to, ceremic, pleatic, steel, rubber, metal, paper or any other meterial or any combination thereof.
 - 32. The device of claim #1 wherein the pump or any other mechanism to edminister the contents of the device is comprised of ceramic.
 - 33. The device of claim #1 wherein the pump or any other mechanism to edminister the contents of the device is comprised of pleatic.
 - 34. The device of claim #1 wherein the pump or any other mechanian 20 to edminister the contents of the device is comprised of metal.
 - 35. The device of claim #1 wherein the pump r any other mechanian to administer the contents of the device is comprised of paper.
 - 36. The device f claim #1 wherein the pump or any other mechanism

- t edminister the contents of the device is comprised of rubber.
- 37. A method of applying substances or preparations to various surfaces administering an effective amount of aubstances or preparations competible with a desired effect, the device which is used as a means of applying the substance or preparation is a device comprising of one or more dividers within the device thereby delineating the device to contain two or more separate chambers.
- 38. The method of claim #36 wherein the chembers are of equal volume, size or dimension.
- 10 39. The method of claim #36 wherein the chambers are of unequal volume, size or dimension.
 - separate chambers, the opening for each chamber (in order to dispense the substances or preparations) may be located on opposite sides of the container; or may be located directly edjacent; or may be located any distance spart between opposite sides of the container to directly edjacent.
 - 41. The method of claim #36 wherein the device is to be termed a "binery dispenser", "binery tube", "binery bottle", "binery container" and/or "binery device".
 - 42. The method of claim #36 wherein the device contains three separate chambers, the pening for each chamber (in order to dispense the substances) may be located on opposite sides of the container; or may be located directly adjacent; or may be located

any distance epert between opposite sides f the container to directly adjacent.

- 43. The method of claim #36 wherein the device contains a divider which is impermeable or semi-permeable to some or all of the substances in each chamber.
- 44. The method of claim #36 wherein the device contains four separate chambers. The opening for each chamber (in order to dispense the substances) may be located on opposite sides of the container; or may be located directly edjacent; or may be located any distance epart between opposite sides of the container to directly edjacent.
 - 45. The method of claim #36 wherein the device is used as a means to contain any substances or preparations comprising of, but not limited to, biologically, chemically, electrically active or inert substances.
 - 46. The method of claim #36 wherein the device is used as a means to contain substances or preparations comprising of, but not limited to, foods, commetics or medicinal agents.
 - 47. The method of claim #36 wherein the device is used as a means
 20 to contain preparations or substances which may be liquid, semisolid or semi-liquid, comprising of, but not limited to, either
 combination of or singly:
 - A Creams
 - B intments

- C auspension
- D solution
- E peate
- F gel
- G incorporating an inert solid compounds.
- I lotion
- J semi-solid substances or preparations
- K seai-liquid substances or preparations
- L liquid substances or preparations
- to contain substances or preparations for any use comprising of, but not limited to, use in any biologic system or systems such as but not limited to, application in medical or non-medical disorders or for use in any non-biological system or systems such as, but not limited to, inert or dynamic substances. This can include any semi-liquid, liquid, semi-solid or galenical form including, but not limited to, gel, cream, lotion, ointment suspension, solution, paste, or incorporating an inert compound.
- 49. The method of claim #36 wherein the device is used as a means
 20 to contain substances or preparations as is claimed in claim #9,
 wherein one preparation is a topical antibiotic (any topical
 antibiotic and in any concentration or amounts) and another
 preparation is a benzoyl peroxide (in any concentration or any
 asount), ther substances or preparations may r may not accompany
 these two.
 - 50. The method f claim #36 wherein the device is used as a means

preparation is a tical antibitic (any t pical antibitic and in any concentration or amounts) and another preparation is a topical tretinoin (in any concentration or any amount), other substances or preparations say or say not accompany these two.

- 51. The method of claim #36 wherein the device is used as a means to contain substances or preparations for the treatment of cossetic disorders such as, but not limited to, facial wrinkles, hyperpigmentation, dry skin, flaky skin, itchy skin.
- 10 52. The method of claim #36 wherein the device is used to contain medications or agents utilized in treatment of dersatologic or nondermatologic diseases, disorders or states of any nature depending on the preparation that is used in the dispenser.
 - 53. The method of claim #36 wherein the device is used as a means to contain substances or preparations which are for non-biologic use comprising of, but not limited to, glues and epoxy.
- 54. The method of claim #36 wherein the device is used as a means to containt substances or preparations to be used to treat other biologic functions comprising of, but not limited to, shampoo and 20 cream rinse.
 - 55. The method of claim #36 wherein the device may be comprised of, but n t limited to, glass, plastic, metal, ceramic, rubber, paper or any ther material or any combinati n thereof.
 - 56. The method of claim #36 wherein the device may be comprised of

pleatic meterials.

- 57. The method of claim #36 wherein the device may be comprised of metal meterials.
- 58. The method of claim #36 wherein the device may be comprised of glass meterials.
- 59. The method of claim #36 wherein the device may be comprised of ceremic materials.
- 60. The method of claim #36 wherein the device may be comprised of rubber meterials.
- 10 61. The method of claim #36 wherein the device may be comprised of paper materials.
 - 52. The method of claim #36 wherein the device is used as a means to contain preparations for human use, inert or dynamic nonbiologic use, veterinarian application or other biological or non-biological uses.
 - 63. The method of claim #36 wherein the device comprises of another opening and closing device which is used as a means to open and close the chambers within the device.
- 64. The method of claim #36 wherein the opening and closing device
 20 is comprised of a single unit or is comprised of two or more
 separate units and is composed of any composition, comprising of,
 but not limited t, glass, ceremic, metal, rubber, paper, plastic
 or any other material.

- 65. The action of claim #36 wherein the device may be emptied by the action of gravity, aqueezing the device, a pump or any other mechanism to deliver or administer the contents.
- 66. The method of claim #36 wherein the pump or any other mechanian to administer the contents of the device is comprised of, but not limited to, ceremic, plastic, steel, ruber, metal, paper or any other meterial or any combination thereof.
- 67. The method of claim #36 wherein the pump or any other mechanism to administer the contents of the device is comprised of ceramic.
- 10 68. The method of claim #36 wherein the pump or any other mechanism to administer the contents of the device is comprised of plantic.
 - 6.9. The method of claim #36 wherein the pump or any other mechanism to edminister the contents of the device is comprised of metal.
 - 70. The method of claim #36 wherein the pump or any other mechanism to administer the contents of the device is comprised of paper.
 - 71. The method of claim #36 wherein the pump or any other mechanism to administer the contents of the device is comprised of rubber.
 - 72. The device of claim #1 which is used as a means to apply substances or preparations wherein:
- 20 (a) at least one substance is erythromycin or erythromycin derivative in a concentration of 2% (grams per 100 cc)

 (b) at 1 ast ne substance is benzoyl per xide r benzoyl peroxide derivative in a concentration of 2.5% (grams/100 cc)

- 73. Th device of claim #1 which is used as a means t apply substances wherein:
- (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 1% (grass per 100 cc)
- (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5% (grams/100 cc)
- 74. The device of claim #1 which is used as a means to apply substances wherein:
- (a) at least one substance is erythronycin or erythronycin
 10 derivative in a concentration of 2% (grams per 100 cc)
 (b) at least one substance is benzoyl peroxide or benzoyl
 peroxide derivative in a concentration of 5% (grams/100 cc)
 - 75. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is erythronycin or erythronycin
 derivative in a concentration of 1% (grams/100 cc)
 (b) at least one substance is benzoyl peroxide or benzoyl
 peroxide derivative in a concentration of 5% (grams/100 cc)
 - 76. The device of claim #1 which is used at a means to apply 20 substances wherein:
 - (a) at least one substance is erythronycin or erythronycin derivative in a concentrati n of 2% (grass per 100 cc)

 (b) at least one substance is benz yl peroxide or benzoyl peroxide derivative in a concentrati n of 10% (grass/100 cc)
 - 77. The d vice of claim #1 which is used as a means to apply

aubatances wherein:

- (a) at least ne substance is erythronycin or erythronycin derivative in a concentration of 1% (grans per 100 cc)
 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 10% (grans/100 cc)
- 78. The device of claim #1 which is used as a means to apply substances wherein:
- (a) at least one substance is erythroxycin or erythroxycin derivative in a concentration of 2% (grass per 100 cc)
- 10 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 20% (grams/100 cc)
 - 79. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 1% (grass per 100 cc)
 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 20% (grass/100 cc)
 - 80. The device of claim #1 which is used as a means to apply aubstances wherein:
- 20 (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 1% (grass/100 cc)

 (b) at least one substance is tratinoin in a concentration of .01% (grass/100 cc)
 - 81. The device of claim #1 which is used as a means to apply substances wherein:

- (a) at lea t one substance is erythromycin or erythromycin derivative in a concentration of 2% (grama/100 cc)
 (b) at least one substance is tratinoin in a concentration of .01% (grama/100 cc)
- 82. The device of claim #1 which is used as a means to apply substances wherein:
- (a) at least one substance is erythroxycin or erythroxycin derivative in a concentration of 1% (grams/100 cc)
- (b) at least one substance is tratinoin in a concentration of 10 .025x (grass/100 cc)
 - 83. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is erythronycin or erythronycin derivative in a concentration of 2% (grans/100 cc)
 - (b) at least one substance is tretinoin in a concentration of .025x (grams/100 cc)
 - 84. The device of claim #1 which is used as a means to apply substances wherein:
- (a) at least one substance is erythronycin or erythronycin
 20 derivative in a concentration of 1% (grams/100 cc)
 - (b) at least one substance is tratinoin in a concentration of .05% (grams/100 cc)
 - 85. The device f claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is erythronycin or erythronycin

derivative in a concentration f 2% (grass/100 cc)

- (b) at least ne substance is tratinoin in a concentration of .05% (grams/100 cc)
- 86. The device of claim #1 which is used as a means to apply substances wherein:
- (a) at least one substance is erythromycin or erythromycin derivative in a concentration of 1% (grams/100 cc)
- (b) at least one substance is tretinoin in a concentration of .1% (grams/100 cc)
- 10 87. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is erythronycin or erythronycin derivative in a concentration of 2% (grans/100 cc)
 - (b) at least one substance is tretinoin in a concentration of .1% (grams/100 cc)
 - 88. The device of claim #1 which is used as a means to apply substances or preparations wherein:
 - (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5% (grass per 100 cc)
- 20 (b) at least one substance is tratinoin or tratinoin derivative in a concentration of .01% (grans/100 cc)
 - 89. The device of claim #1 which is used as a means to apply substances wher in:
 - (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5x (grass per 100 cc)

- (b) at least one substance is tratinoin or tratinoin derivative in a concentration of .01% (grams/100 cc)
- 90. The device of claim #1 which is used as a means to apply substances wherein:
- (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 10% (grams per 100 cc)
- (b) at least one substance is tratinoin or tratinoin derivative in a concentration of .01% (grans/100 cc)
- 91. The device of claim #1 which is used as a means to apply 10 substances wherein:
 - (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 20% (grass/100 cc)
 - (b) at least one substance is tratinoin or tratinoin derivative in a concentration of .01% (grans/100 cc)
 - 92. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5% (grass per 100 cc)
 - (b) at least one substance is tretinoin or tretinoin derivative in 20 a concentration of .025% (grans/100 cc)
 - 93. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least ne substance is benz yl peroxide or benz yl per xide derivative in a c ncentration of 5% (grams per 100 cc)
 - (b) at least one substance is tretinoin or tretinoin derivative in

- a concentrati n of .025% (grama/100 cc)
- .=94. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 10% (grass per 100 cc)
 - (b) at least one substance is tretinoin or tretinoin derivative in a concentration of .025% (grass/100 cc)
 - 95. The device of claim #1 which is used as a means to apply substances wherein:
- 10 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 20% (grass per 100 cc)
 - (b) at least one substance is tretinoin or tretinoin derivative in a concentration of .025% (grass/100 cc)
 - 96. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5% (grass/100 cc)
 - (b) at least one substance is tratinoin in a concentration of .05% (grams/100 cc)
- 20 97. The device of claim #1 which is used as a means to apply substances wherein:
 - (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grams/100 cc)
 - (b) at least ne substance is tratinoin in a conc ntrati n of .05% (grams/100 cc)

- 98. The device of claim #1 which is used as a man's to apply substances wherein:
- (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 10% (grams/100 cc)
- (b) at least one substance is tratinoin in a concentration of .05x (grams/100 cc)
- 99. The device of claim #1 which is used as a means to apply substances wherein:
- (a) at least one substance is benzoyl peroxide or benzoyl peroxide10 derivative in a concentration of 20% (grass/100 cc)(b) at least one substance is tratinoin in a concentration of
 - 100. The device of claim #1 which is used as a means to apply substances wherein:

.05% (grams/100 cc)

- (a) at 1. It one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5% (grans/100 cc)
- (b) at least one substance is tretinoin in a concentration of .1x (grams/100 cc)
- 101. The device of claim #1 which is used as a means to apply 20 substances wherein:
 - (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grass/100 cc)
 - (b) at least one substance is tretinoin in a concentration of .1% (grans/100 cc)
 - 102. The device of claim #1 which is used as a means to apply

substances wherein:

- (a) at least one substance is benzoyl peroxide or benzoyl per xide derivative in a concentration of 10% (grass/100 cc)
- (b) at least one substance is tretinoin in a concentration of .1% (grams/100 cc)
- 103. The device of claim #1 which is used as a means to apply substances wherein:
- (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 20% (grams/100 cc)
- 10 (b) at least one substance is tratinoin in a concentration of .1% (grams/100 cc)
 - 104. The device of claim #1 which is used to apply substances wherein:
 - (a) at least one substance is a shampoo
 - (b) at least one substance is a hair conditioner
 - 105. The device of claim #1 which is used to apply substances wherein:
 - (a) at least one aubatence is a Tretinoin
 - (b) at least one substance is a Hydroquinoine
 - 106. The device of claim 1 which is used to apply substances wherein:
 - (a) at least one substance is a Tretinoin
- 20 (b) at least one substance is a topical antibiotic
 - 107. The device of claim 1 which is used to apply substances wherein:
 - (a) at least ne substance is a steroid cress
 - (b) at least ne substance is a Urea
 - 108. The device of claim 1 which is used to apply substances wh rain:

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- (a) at least one substance is a steroid cream
- (b) at least one substance is a Salicylic Acid
- 109. The device of claim 1 which is used to apply substances whereir:
- (a) at least one substance is a steroid crees
- (b) at least one substance is a Lactic Acid
- 110. The device of claim 1 which is used to apply substances wherein:
- (a) at least one substance is a steroid cress
- (b) at least one aubatance is a Presoxine
- 111. The device of claim 1 which is used to apply substances wherein:
- 10 (a) at least one substance is a steroid cream
 - (b) at least one substance is a Tratinoin
 - 112. The device of claim 1 which is used to apply substances wherein:
 - (a) at least one substance is a steroid creen
 - (b) at least one substance is a Hydroquinone
 - 113. The device of claim 1 which is used to apply substances wherein:
 - (a) at least one substance is a steroid cress
 - (b) at least one substance is a Ketoconexole
 - 114. The device of claim 1 which is used to apply substances wherein:
 - (a) at least one substance is a steroid cream
- 20 (b) at least one substance is a antibiotic
 - 115. The device of claim 1 which is used to apply substances wherein:
 - (a) at least one substance is Minoxidil
 - (b) at least one substance is Tretinoic Acid

- 116. The device f claim 1 which is used t apply substances wher in:
- (a) at least one substance is Anthrenol
- (b) at least one substance is a steroid crees
- 117. The device of claim 1 which is used to apply substances wherein:
- (a) at least one substance is Tretinoin
- (b) at least one substance is benzoyl peroxide
- 118. The device of claim 1 which is used to apply substances wherein:
- (a) at least one substance is a nail polish
- (b) at least one substance is a nail polish remover
- 10 119. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is enythromycin or enythromycin derivative in a concentration of 2% (grams per 100 cc)

 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5% (grams/100 cc)
 - 120. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythrosycin or erythrosycin
 - derivative in a concentration of 1% (grams per 100 cc)
- 20 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5% (grans/100 cc)
 - 121. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least ne substance is erythrosycin or erythrosycin

derivative in a concentration of 2% (grama per 100 cc)

(b) at least one substance is benz yl peroxide or benzoyl

peroxide derivative in a concentration of 5% (grams/100 cc)

- 122. A preparation which is applied to various surfaces to obtain a desired effect which is boused in a device of claim 1, wherein:

 (a) at least one substance is anythrosycin or anythrosycin derivative in a concentration of 1% (grass per 100 cc)

 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grass/100 cc)
- 10 123. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythromycin or erythromycin derivative in a concentration of 2% (grass per 100 cc)

 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grass/100 cc)
 - 124. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythromycin or erythromycin derivative in a concentration of 1% (grams per 100 cc)
- 20 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of iOx (grans/100 cc)
 - 125. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device f claim 1, wherein:

 (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 2% (grass per 100 cc)

- (b) at least one substance is benzoyl per mide r benzyl -peromide derivative in a concentration of 20% (grams/100 cc)
- 126. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 1% (grass per 100 cc)

 (b) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 20% (grass/100 cc)
- 127. A preparation which is applied to various surfaces to obtain

 10 a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythrosycin or erythrosycin

 derivative in a concentration of 1% (grams/100 cc)

 (b) at least one substance is tratinoin in a concentration of

 .01% (grams/100 cc)
 - 123. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythrosycin or erythrosycin derivative in a concentration of 2% (grass/100 cc)

 (b) at least one substance is tratinoin in a concentration of

 .01% (grass/100 cc)

- 129. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythr sycin r erythromycin derivative in a concentration of 1% (grams/100 cc)
- (b) at least one substance is tretinoin in a concentration f

- 130. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is erythromycin or erythromycin derivative in a concentration of 2% (grams/100 cc)

 (b) at least one substance is tratinoin in a concentration of .025% (grams/100 cc)
- 131. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 10 (a) at least one substance is erythromycin or erythromycin derivative in a concentration of 1% (grams/100 cc)

 (b) at least one substance is tratinoin in a concentration of .05% (grams/100 cc)
 - 132. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is anythrosycin or enythrosycin derivative in a concentration of 2% (grams/100 cc)

 (b) at least one substance is tratinoin in a concentration of .05% (grams/100 cc)
- 20 133. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least on substance is erythr sycin or erythrosycin derivative in a concentration of 1% (grams/100 cc)

 (b) at least one substance is tretinoin in a concentration of .1% (grams/100 cc)

- 134. A preparati n which is applied to various surfaces t btain a desired effect which is h used in a device of claim 1, wherein:

 (a) at least one substance is erythromycin or erythromycin derivative in a concentration of 2% (grams/100 cc)

 (b) at least one substance is tratinoin in a concentration of .1% (grams/100 cc)
- 135. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5% (grams per 100 cc)

 (b) at least one substance is tratinoin or tratinoin derivative in a concentration of .01% (grams/100 cc)
 - a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grams per 100 cc)

 (b) at least one substance is tratinoin or tratinoin derivative in a concentration of .01% (grams/100 cc)
- 137. A preparation which is applied to various surfaces to obtain
 20 a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide

 derivative in a concentration of 10% (grass per 100 cc)

 (b) at least one substance is tratinoin r tratinoin derivative in
 a concentration of .01% (grass/100 cc)
 - 138. A preparation which is applied to various surfaces t btain

- a desired effect which is housed in a device of claim 1, wherein:
- (a) at least ne substance is benz yl per xide r benzoyl peroxide derivative in a concentration of 20% (grass-per 100 cc)
 - (b) at least one substance is tratinoin or tratinoin derivative in a concentration of .01% (grass/100 cc)
 - 139. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5% (grass per 100 cc)
- 10 (b) at least one substance is tretinoin or tretinoin derivative in a concentration of .025% (grass/100 cc)
 - 140. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grams per 100 cc)

 (b) at least one substance is tratinoin or tratinoin derivative in
 - 141. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

a concentration of .025% (grams/100 cc)

- 20 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 10% (grass per 100 cc)
 - (b) at least one aubstance is tretinoin or tretinoin derivative in a concentration of .025% (grams/100 cc)
 - 142. A preparation which is applied t various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

- (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 20% (grans per 100 cc)
- (b) at least one substance is tretinoin or tretinoin derivative in a concentration of .025% (gress/100 cc)
- 143. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5% (grams/100 cc)
- (b) at least one substance is tretinoin in a concentration of 10 .05% (grans/100 cc)
 - 144. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grams/100 cc)

 (b) at least one substance is tratinoin in a concentration of .05% (grams/100 cc)
- 145. A previration which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide

 20 derivative in a concentration of 10% (grams/100 cc)
 - (b) at least one substance is tretinoin in a concentration of (grass/100 cc)
 - 146. A preparation which is applied t various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide

- (a) at legat ne substance is a ter id creen
- (b) at least one aubatance is a Lactic Acid
- 157. A preparation which is applied to various surfaces to obtain
- a desired effect which is housed in a device of claim 1, wherein:
- (a) at least one substance is a steroid creen
- (b) at least one aubatance is a Pranoxine
- 158. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:
- (a) at least one substance is a steroid cream
- 10 (b) at least one substance is a Tratinoin
 - 159. A preparation which is applied to various surfaces to obtain
 - a desired effect which is housed in a device of claim 1, wherein:
 - (a) at least one substance is a steroid cream
 - (b) at least one substance is a Hydroquinone
 - 160. A preparation which is applied to various surfaces to obtain
 - a desired effect which is housed in a device of claim 1, wherein:
 - (a) at least one substance is a steroid creen
 - (b) at least one substance is a Ketoconszole
 - 161. A preparation which is applied to various surfaces to obtain
- 20 a desired effect which is housed in a device of claim 1, wherein:
 - (a) at least one substance is a steroid creen
 - (b) at least one substance is a antibiotic
 - 162. A preparation which is applied t various surfaces to obtain
 - a desired effect which is h used in a device of claim 1, wherein:

derivative in a concentration of 20% (grams/100 cc)

(b) at least one substance is tretinoin in a concentration of
.05% (grams/100 cc)

- 147. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 2.5% (grass/100 cc)

 (b) at least one substance is tretinoin in a concentration of .1% (grass/100 cc)
- 10 148. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 5% (grams/100 cc)

 (b) at least one substance is tratinoin in a concentration of .1% (grams/100 cc)
 - 149. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide or benzoyl peroxide derivative in a concentration of 10% (grass/100 cc)
- 20 (b) at least one substance is tratinoin in a concentration of .1% (grans/100 cc)
 - 150. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:

 (a) at least one substance is benzoyl peroxide r benzoyl peroxide derivative in a concentration of 20% (grams/100 cc)

- (b) at least one substance is tratinoin in a concentration of .1% (grans/100 cc)
- 151. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:
- (a) at least one substance is a shampoo
- (b) at least one substance is a hair conditioner
- 152. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:
- (a) at least one substance is a Tretinoin
- 10 (b) at least one substance is a Hydroquinoine
 - 153. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:
 - (a) at least one substance is a Tretinoin
 - (b) at least one substance is a topical antibiotic
 - 154. A preparation which is applied to various surfaces to obtain a desired effect which is housed in a device of claim 1, wherein:
 - (a) at least one substance is a steroid cream
 - (b) at least one substance is a Urea
 - 155. A preparation which is applied to various surfaces to obtain
- 20 a desired effect which is housed in a device of claim 1, wherein:
 - (a) at least one substance is a steroid cream
 - (b) at least ne substance is a Salicylic Acid
 - 156. A preparation which is applied to vari us surfaces to btain a desired effect which is housed in a device of claim 1, wherein:

- (a) at least ne substance is Min xidil
- (b) et leest one substance is Tretin ic Acid
- 163. A preparation which is applied to various surfaces to obtain
- a desired effect which is housed in a device to claim 1, wherein:
- (a) at least one substance is Anthrenol
- (b) at least one substance is a steroid cress
- 164. A preparation which is applied to various surfaces to obtain
- a desired effect which is housed in a device to claim 1, wherein:
- (a) at least one substance is Tretinoin
- 10 (b) at least one substance is benzoyl peroxide
 - 165. A preparation which is applied to various surfaces to obtain
 - a desired effect which is housed in a device to claim 1, wherein:
 - (a) at least one substance is a nail polish
 - (b) at least one substance is a neil polish resover

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